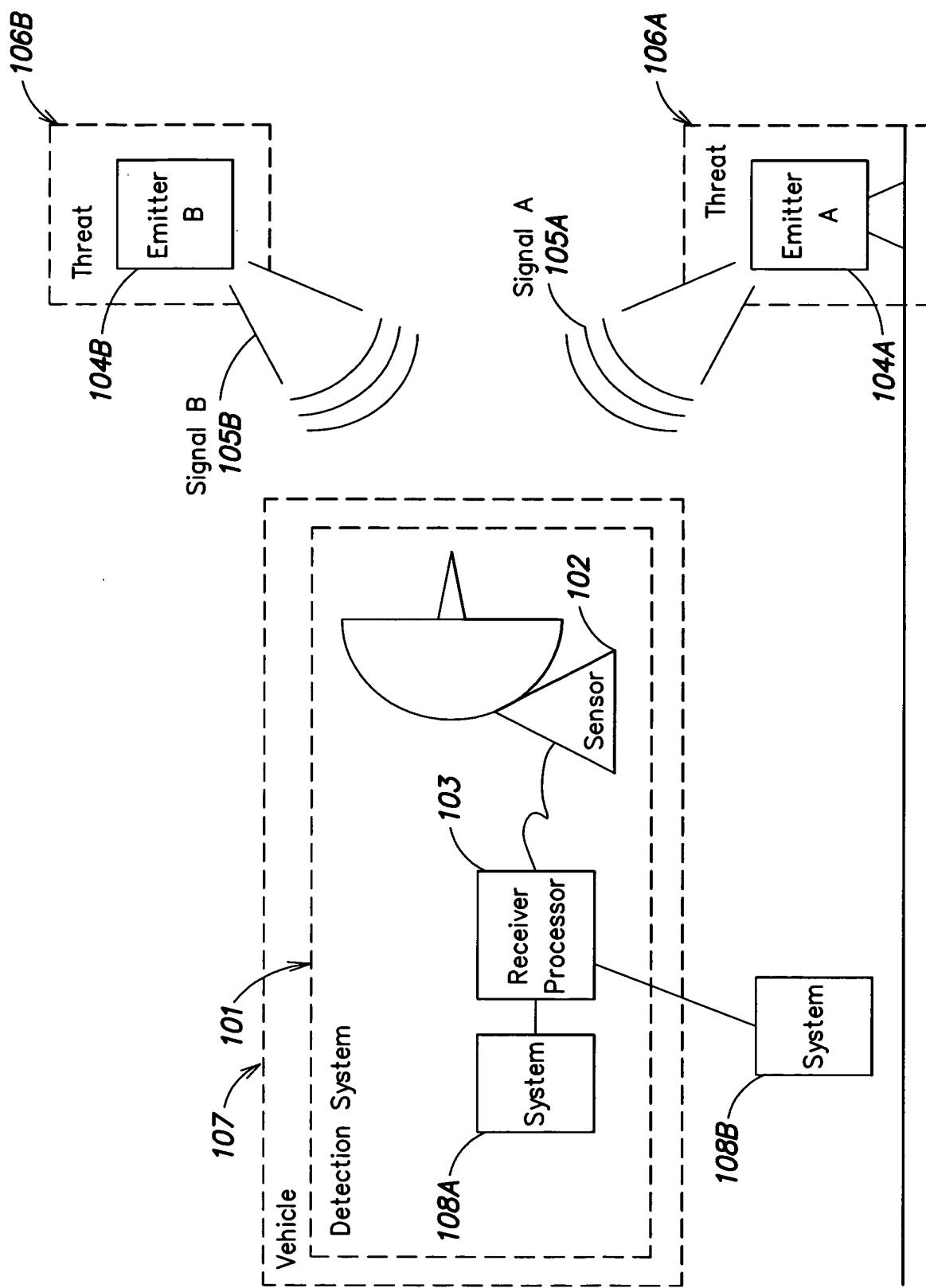




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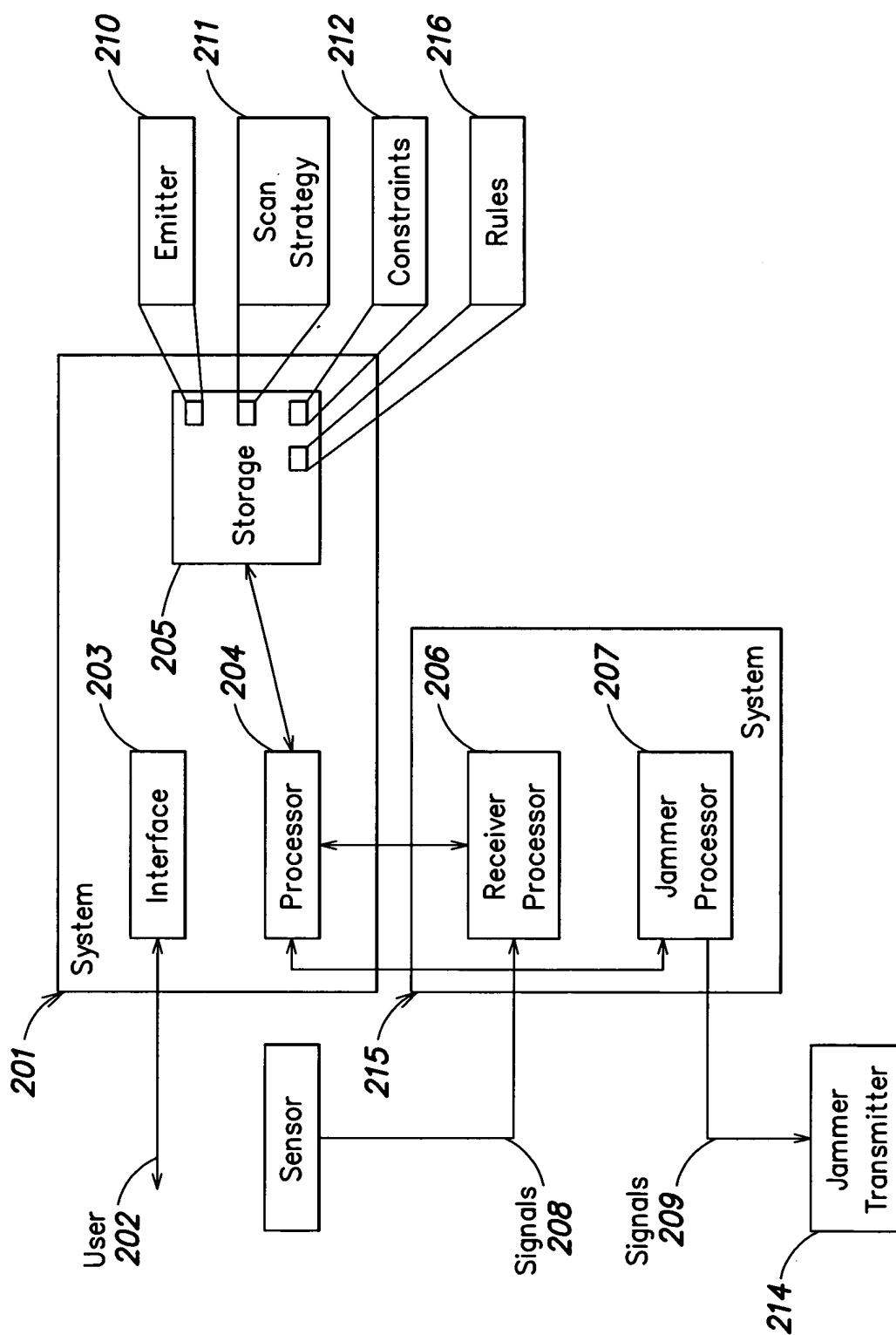
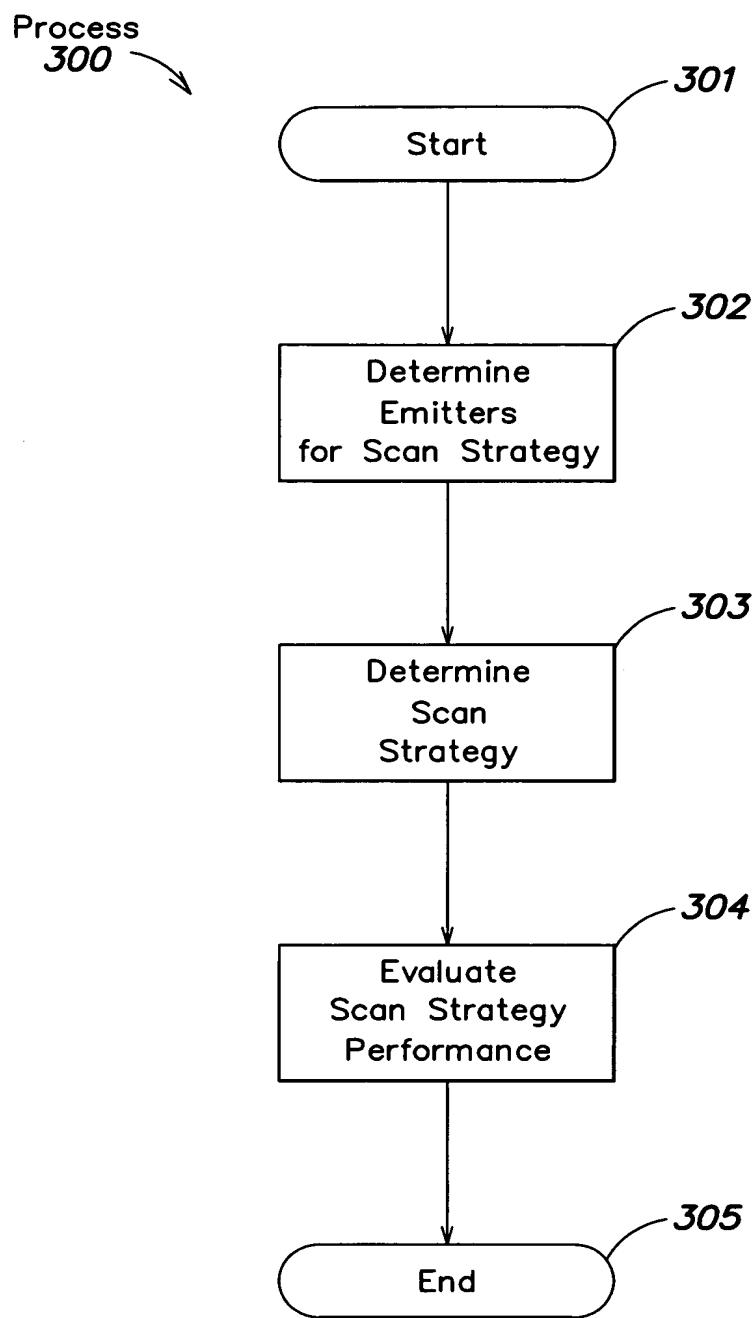
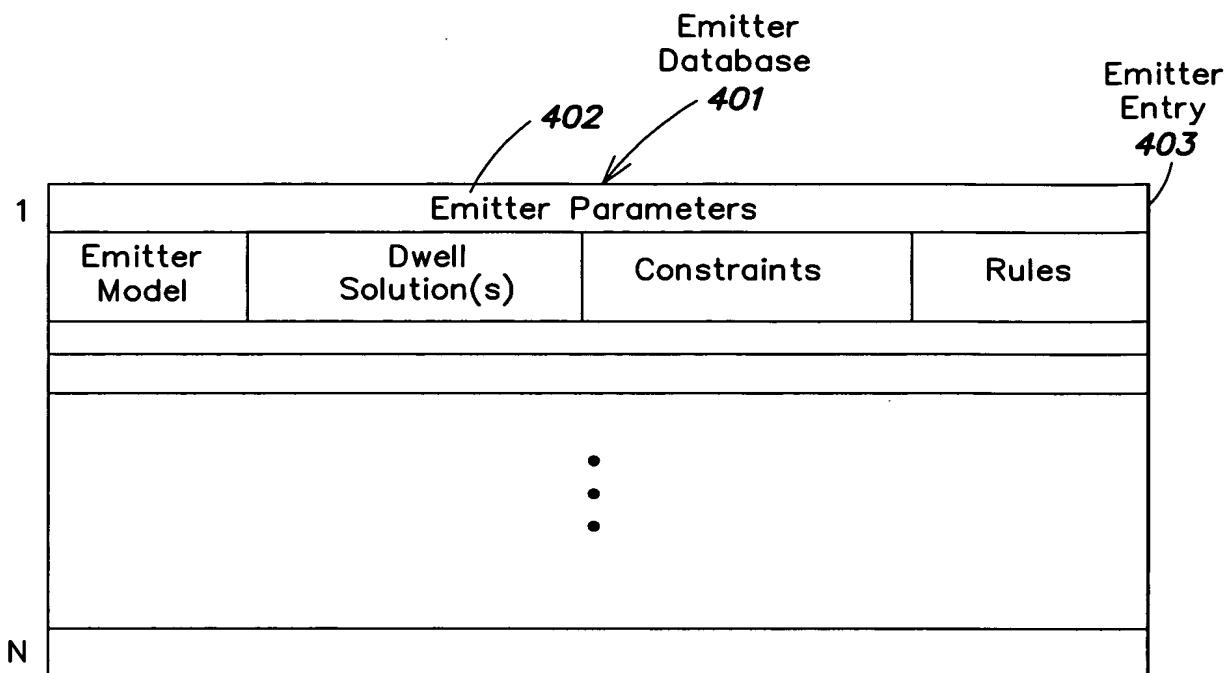


FIG. 2



*FIG. 3*



*FIG. 4*

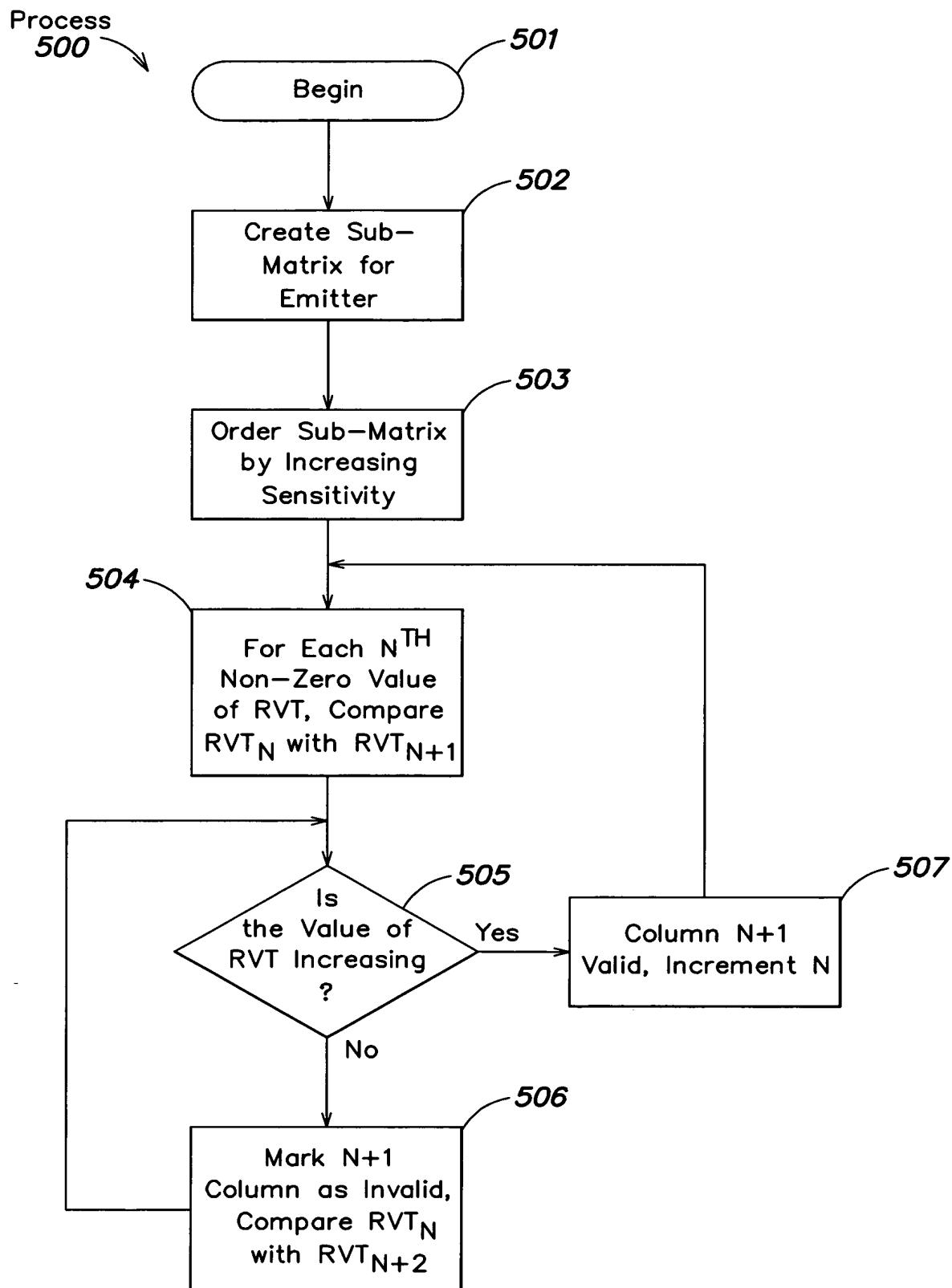


FIG. 5

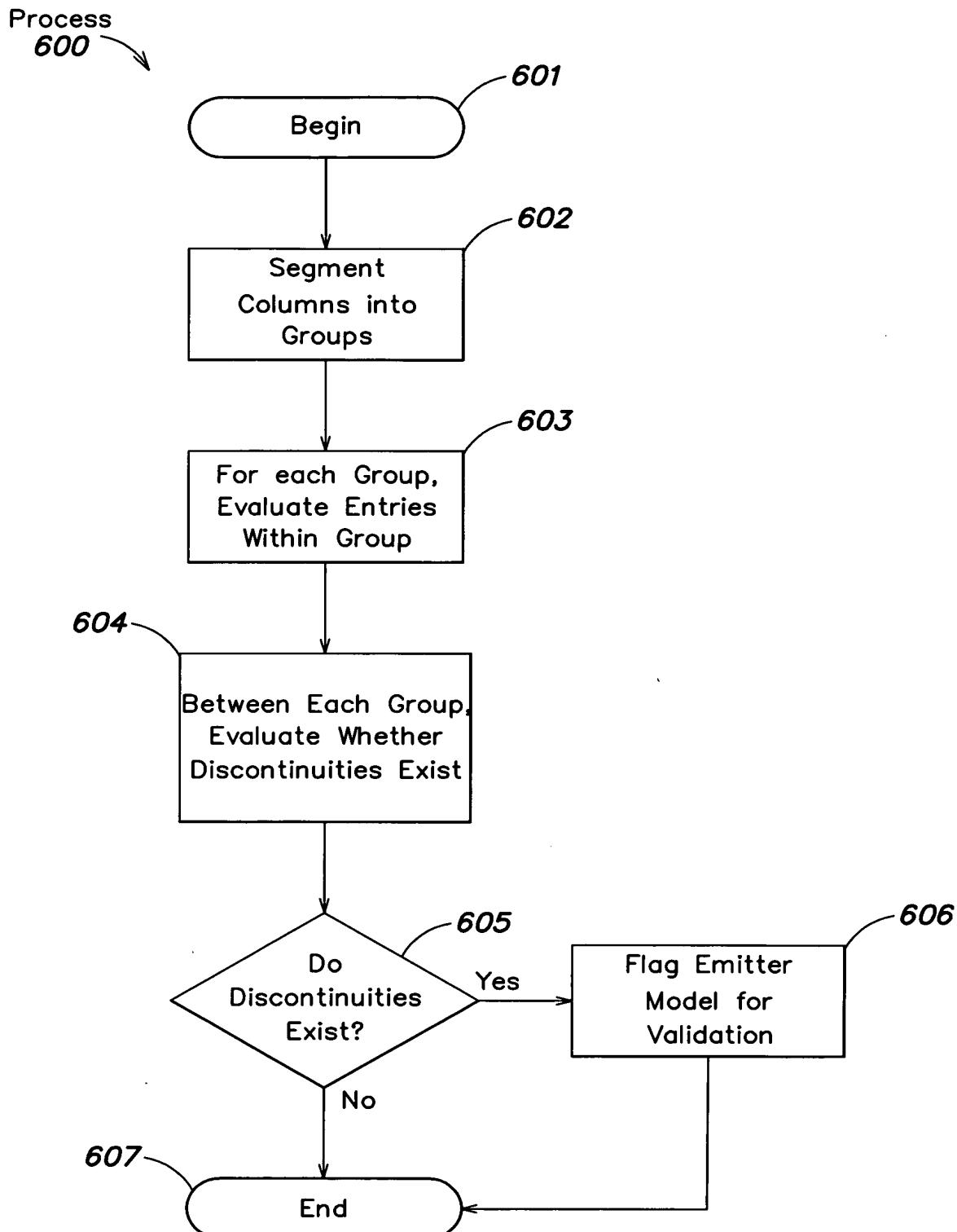


FIG. 6

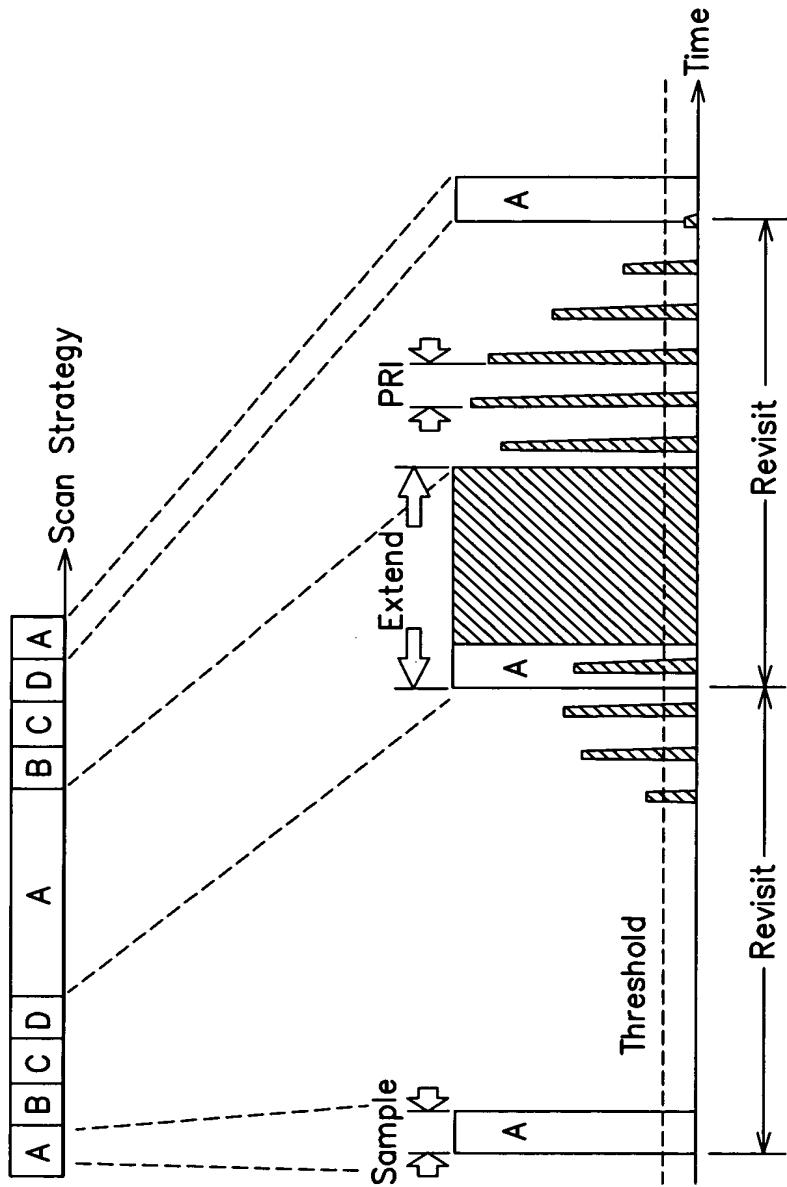
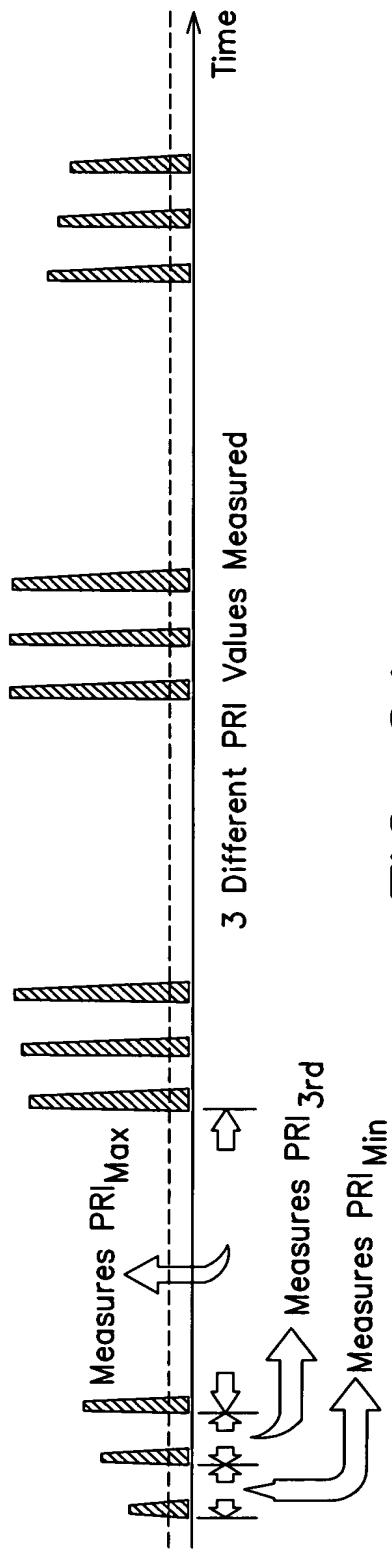


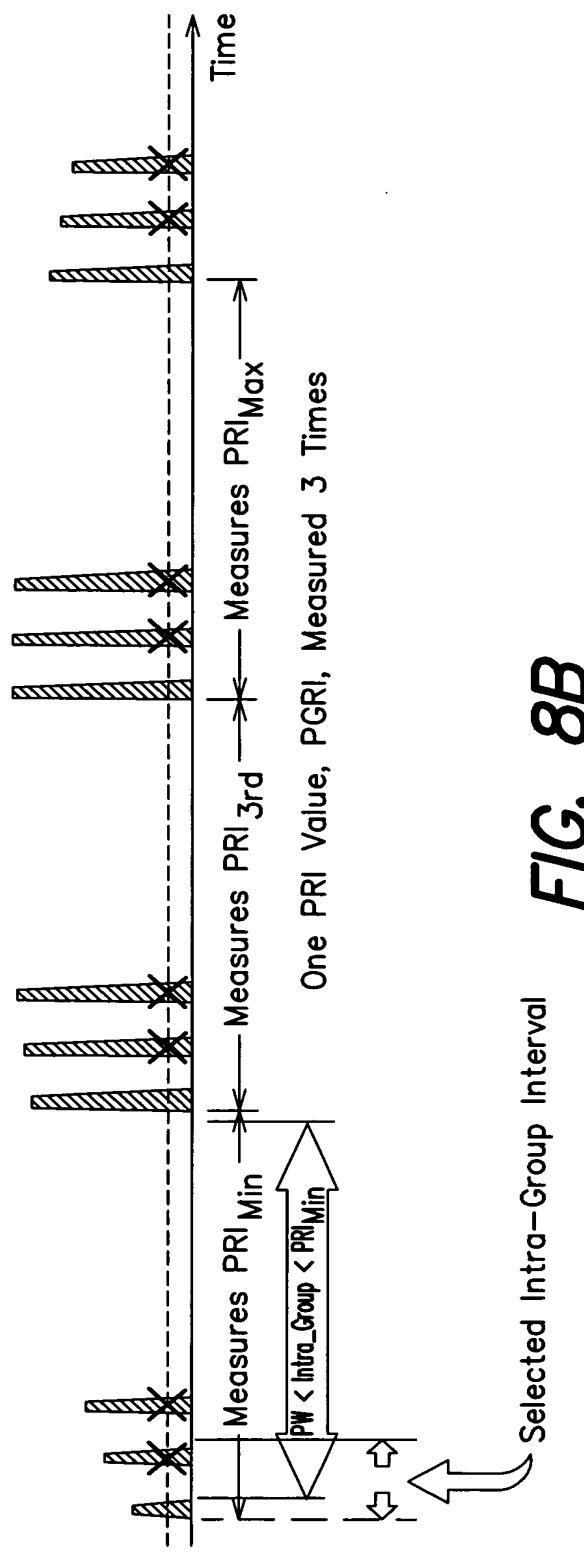
FIG. 7

NO PULSE GROUPING LOGIC:



*FIG. 8A*

WITH PULSE GROUPING LOGIC:



*FIG. 8B*

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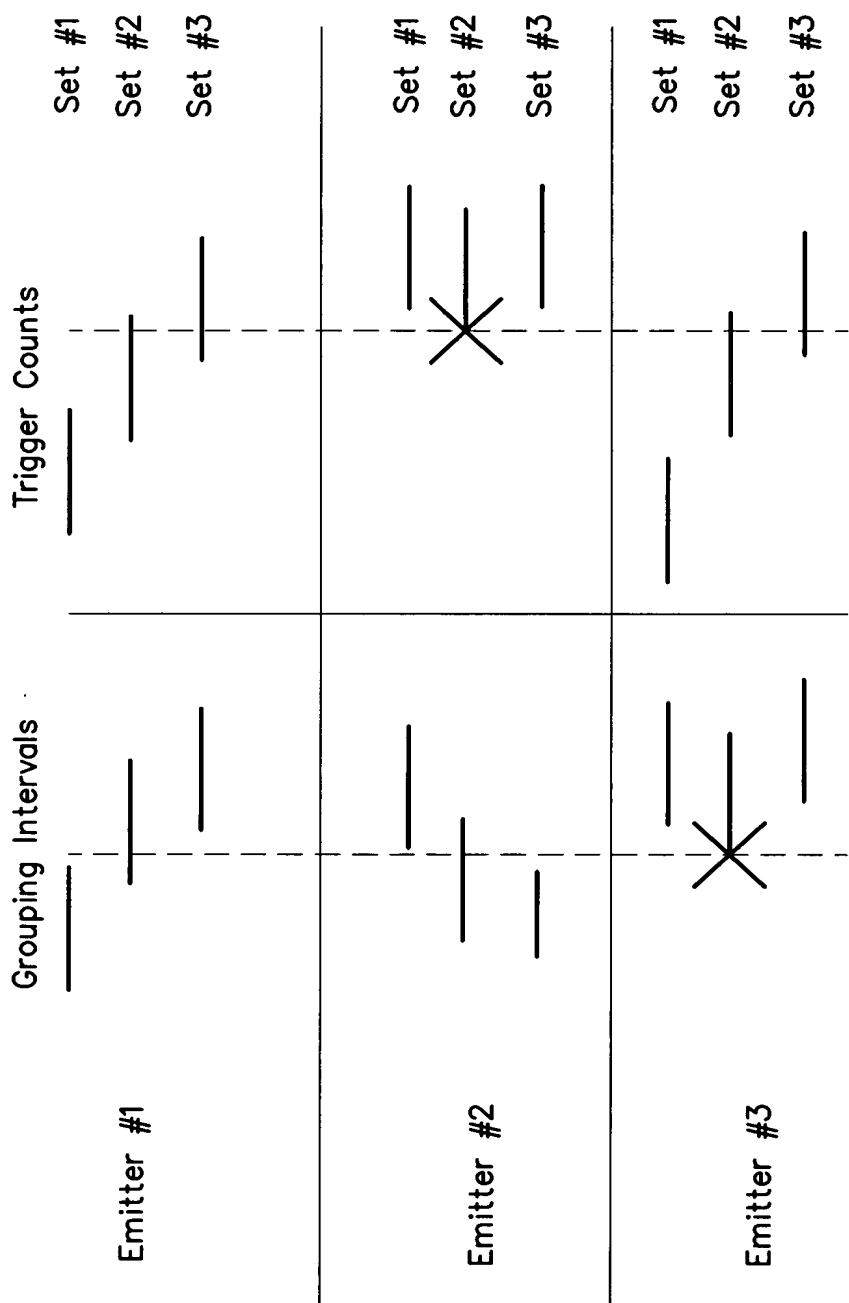
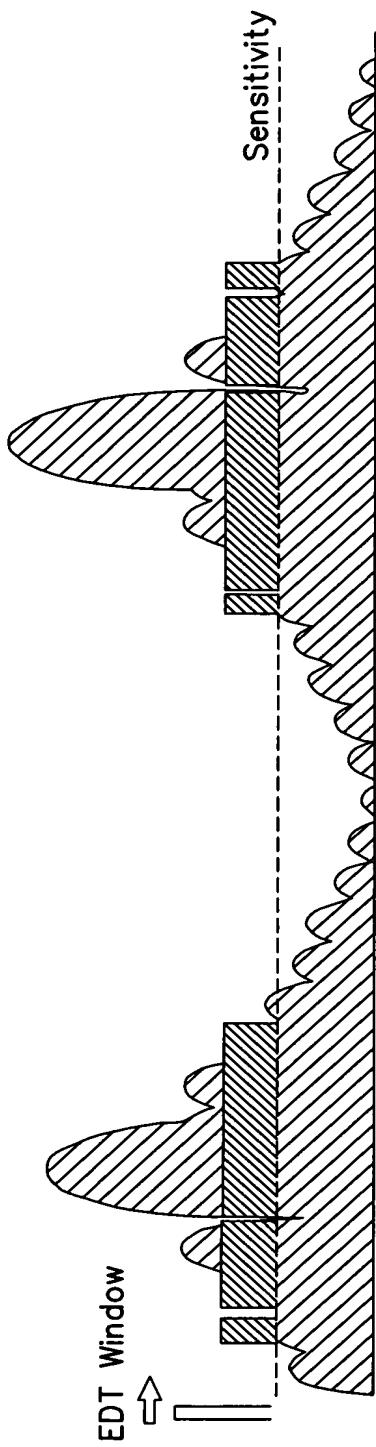
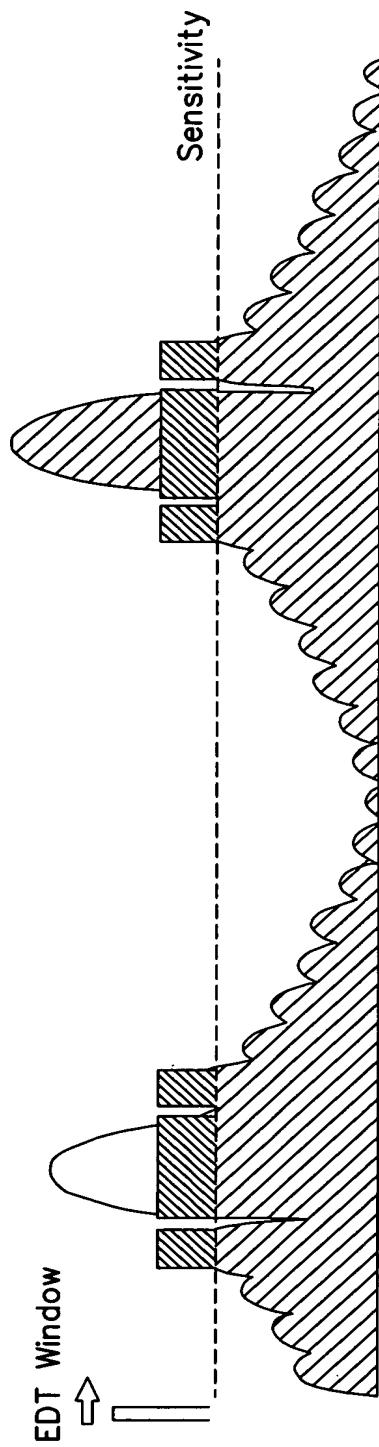


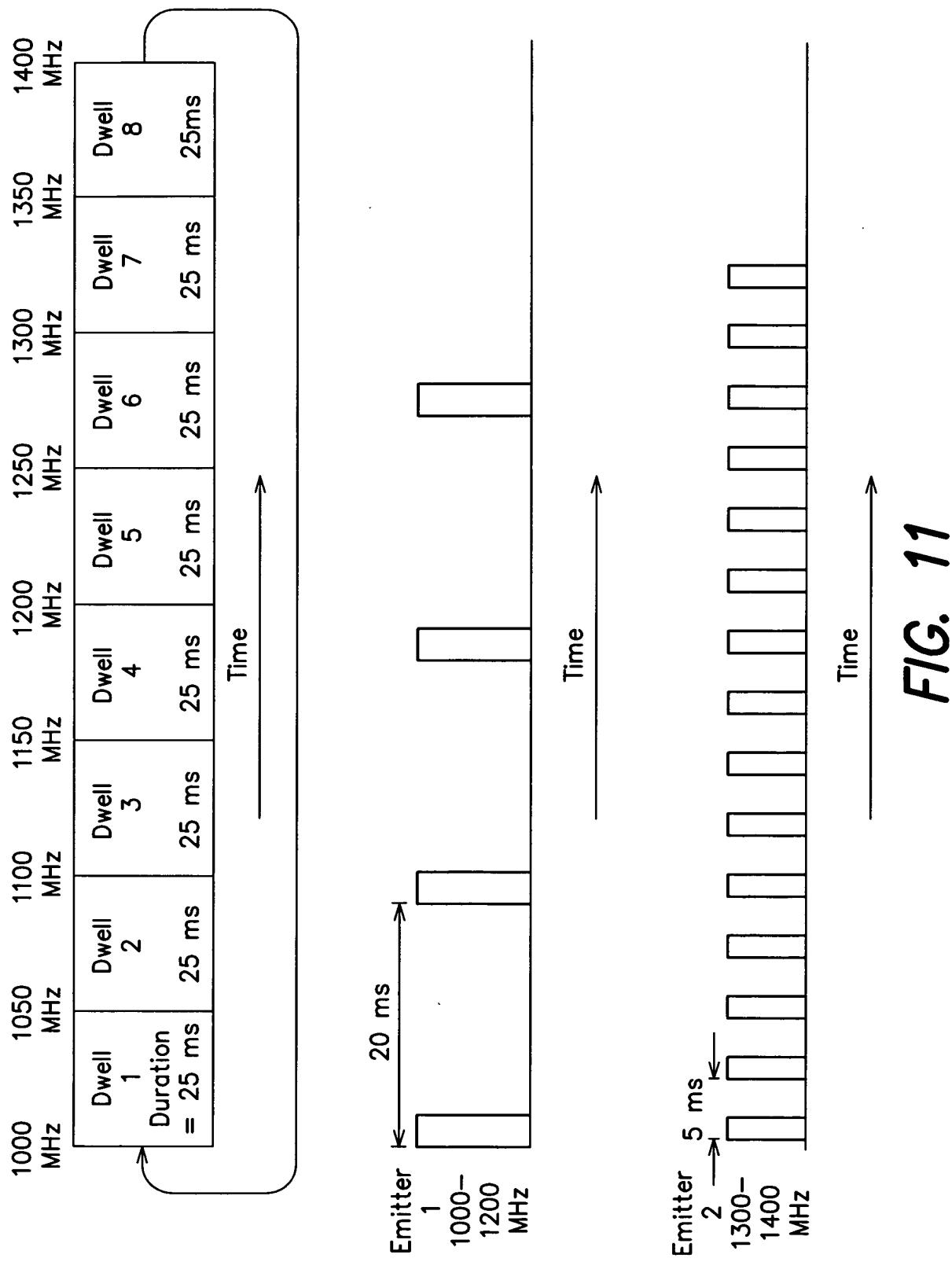
FIG. 9



Discrete Illuminations (TIBS)  
**FIG. 10A**



Discrete Illuminations (TIBS)  
**FIG. 10B**



*FIG. 11*

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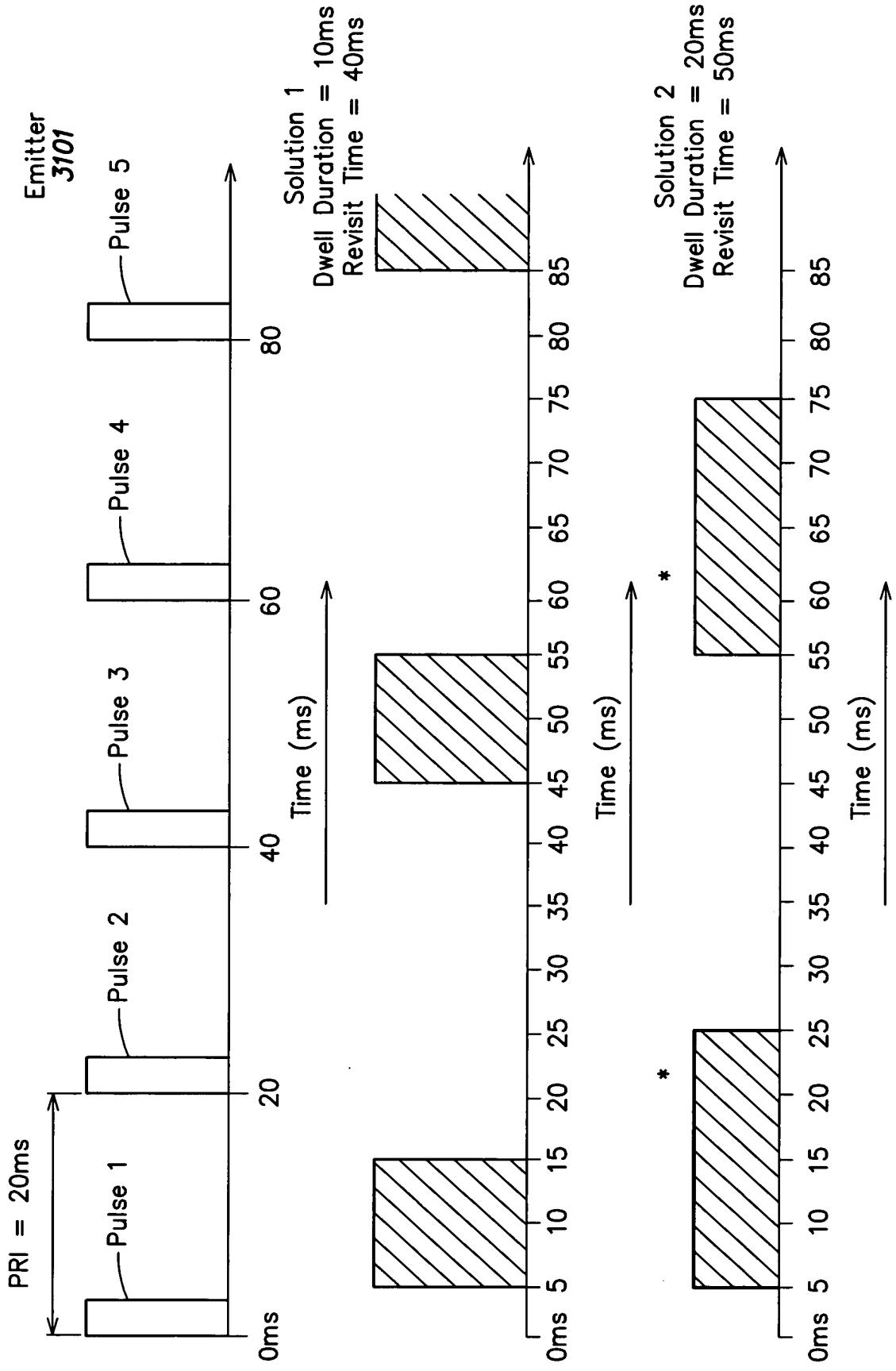


FIG. 12

4000

Emitter Name	Detecting Method 1 250MHz IF/ 15MHz VBW RVT	Detecting Method 2 30MHz IF/ 15MHz VBW RVT	RF Min (MHz)	RF Max (MHz)	Min MDT (ms)
E1	100 ms	650 ms	1000	1300	3
E2	120 ms	780 ms	1220	1350	5
E3	110 ms	330 ms	1510	1810	2
E4	130 ms	390 ms	1730	1860	4

FIG. 13

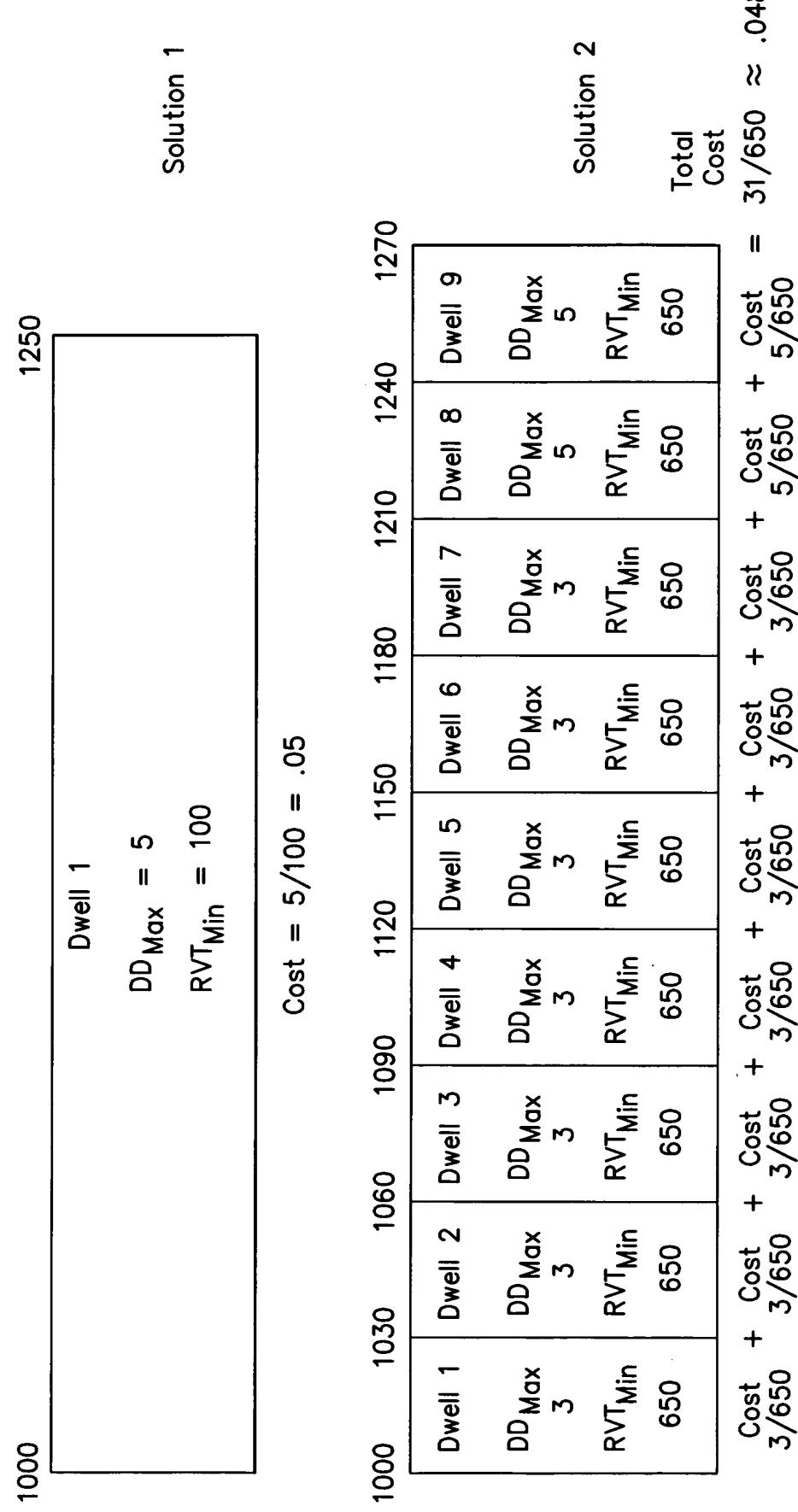


FIG. 14A

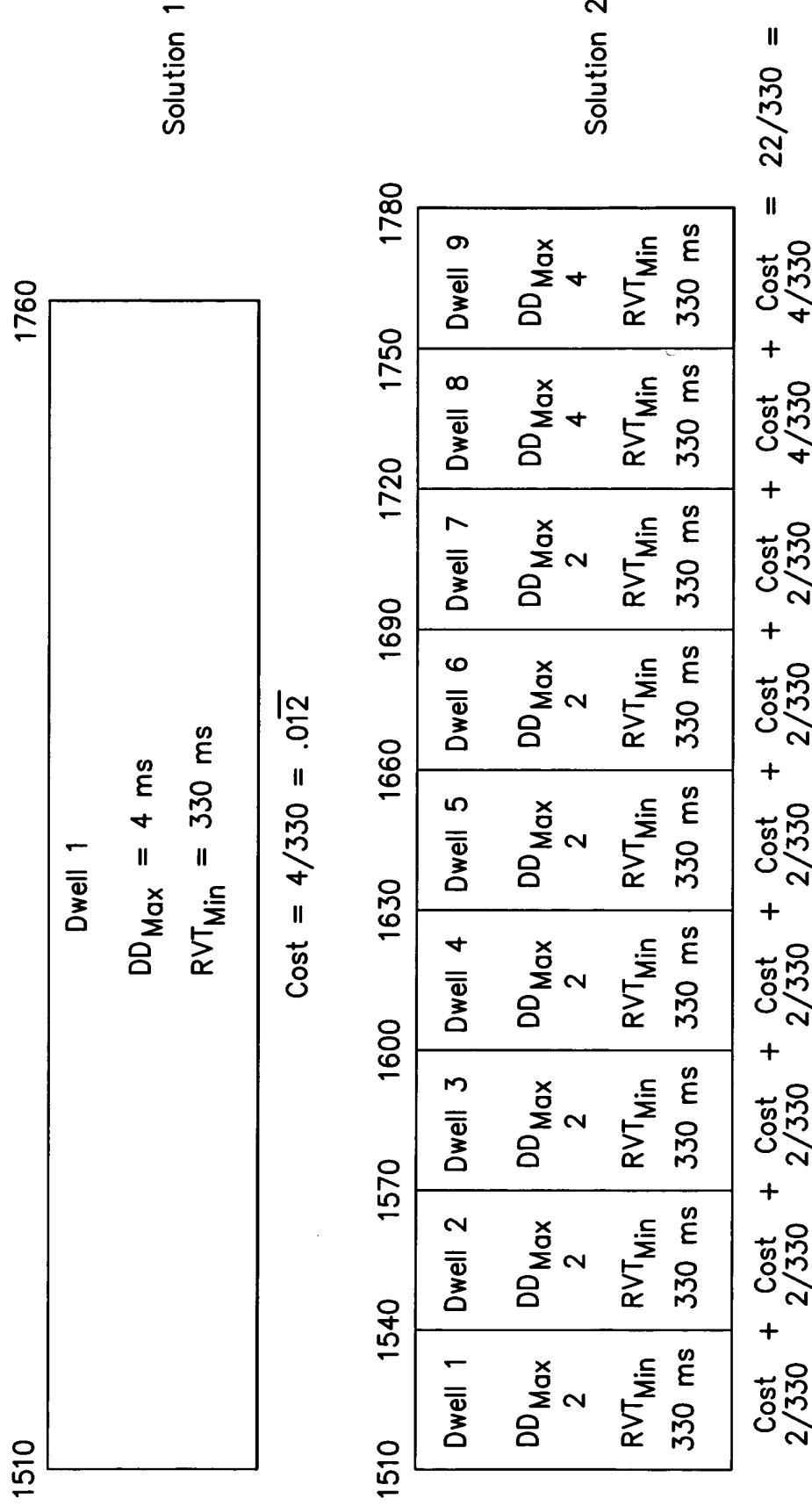


FIG. 14B

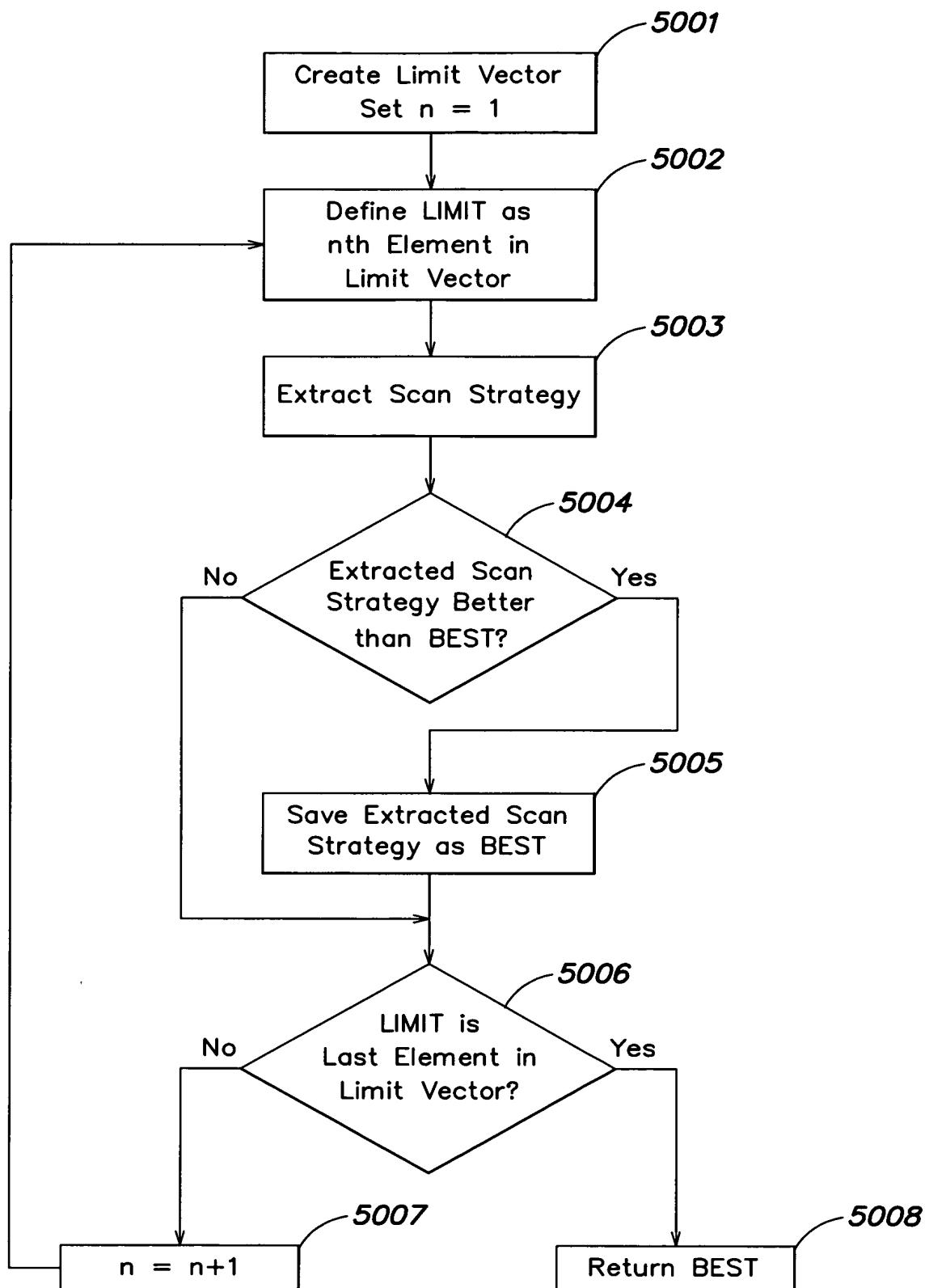


FIG. 15

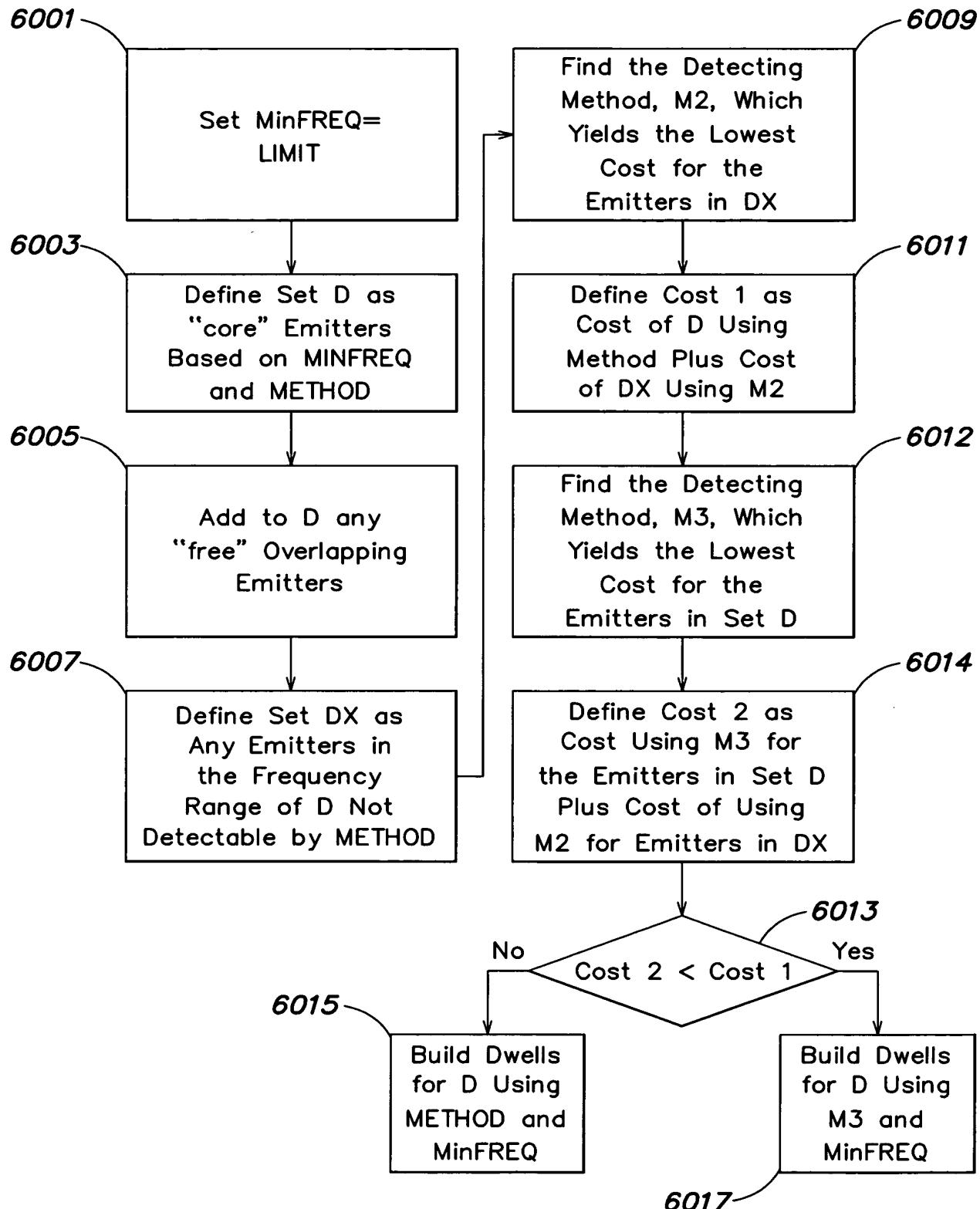
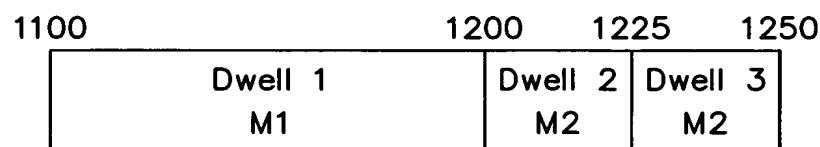


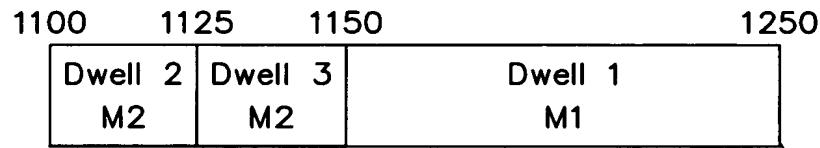
FIG. 16

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Name	RF Min	RF Max
E1	1100	1200
E2	1150	1250



7001



7003

*FIG. 17*

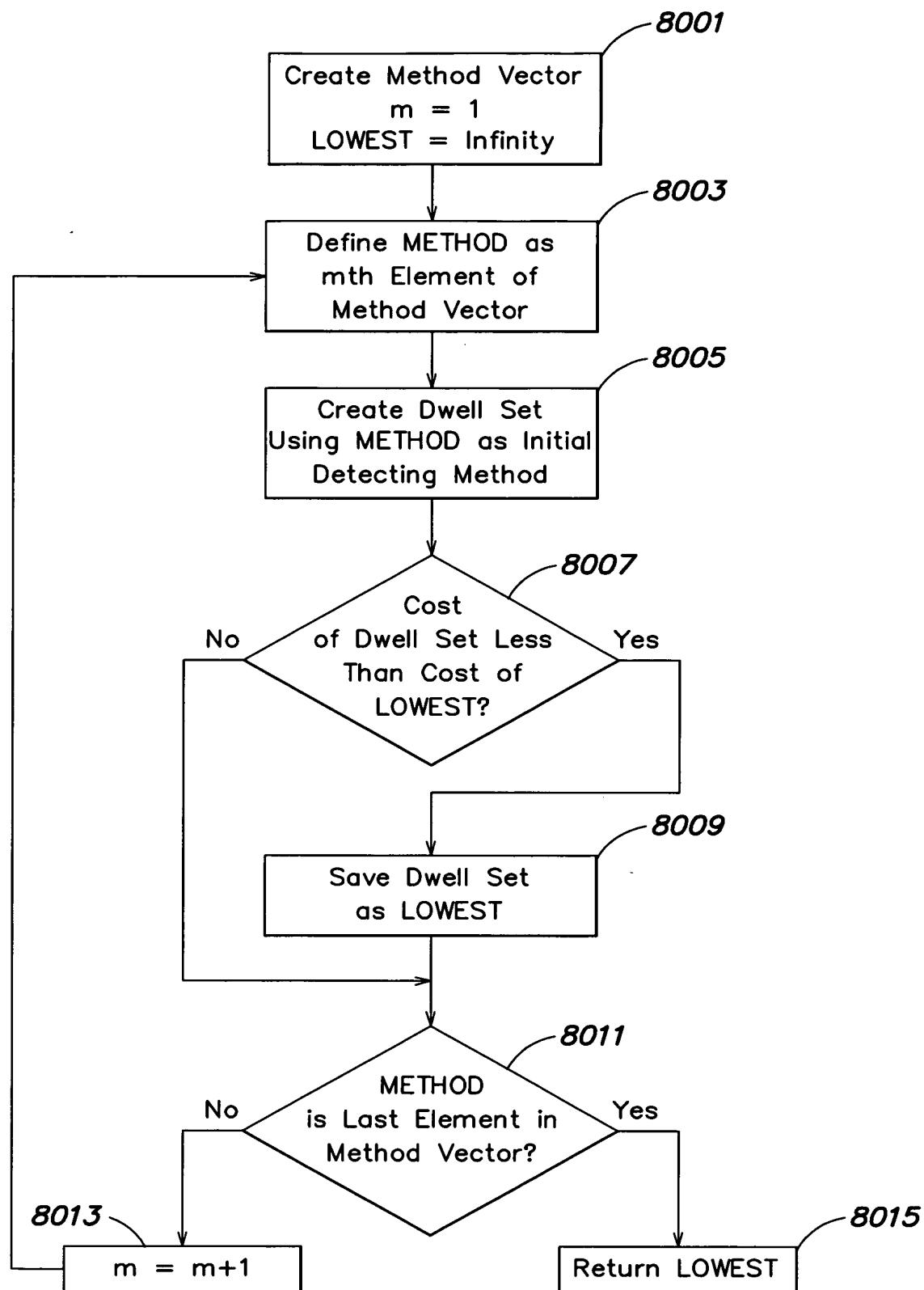


FIG. 18

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Emitter	Dwell Duration (ms)	Revisit Time (ms)
Emitter 1	1	500
Emitter 2	2	1200

*FIG. 19*

Emitter	Dwell Duration (ms)	Revisit Time (ms)	Cost
Emitter 1	1	500	.002
Emitter 2	5	1000	.005

*FIG. 20*

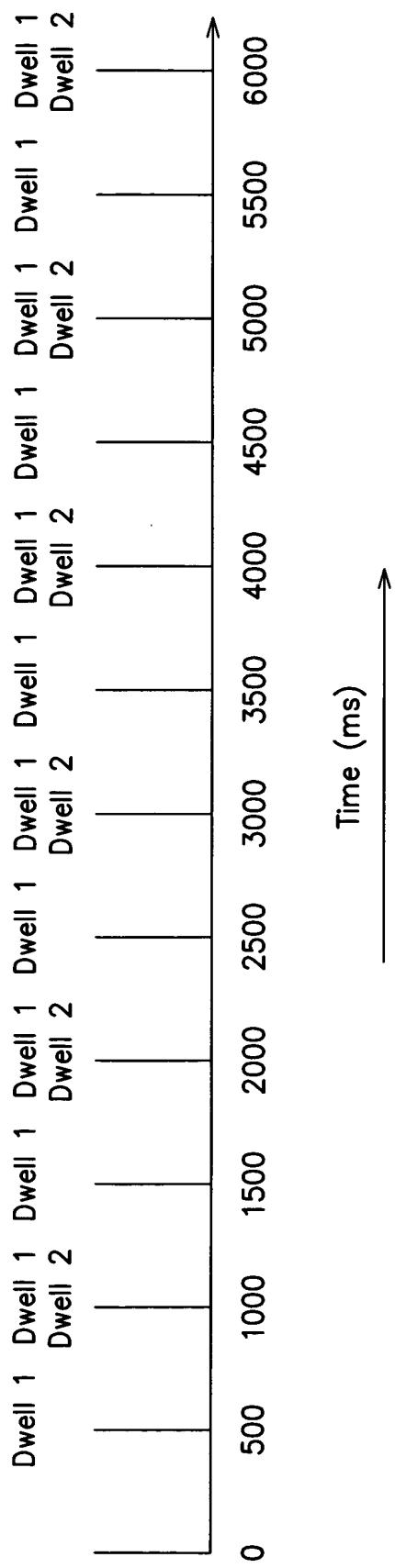
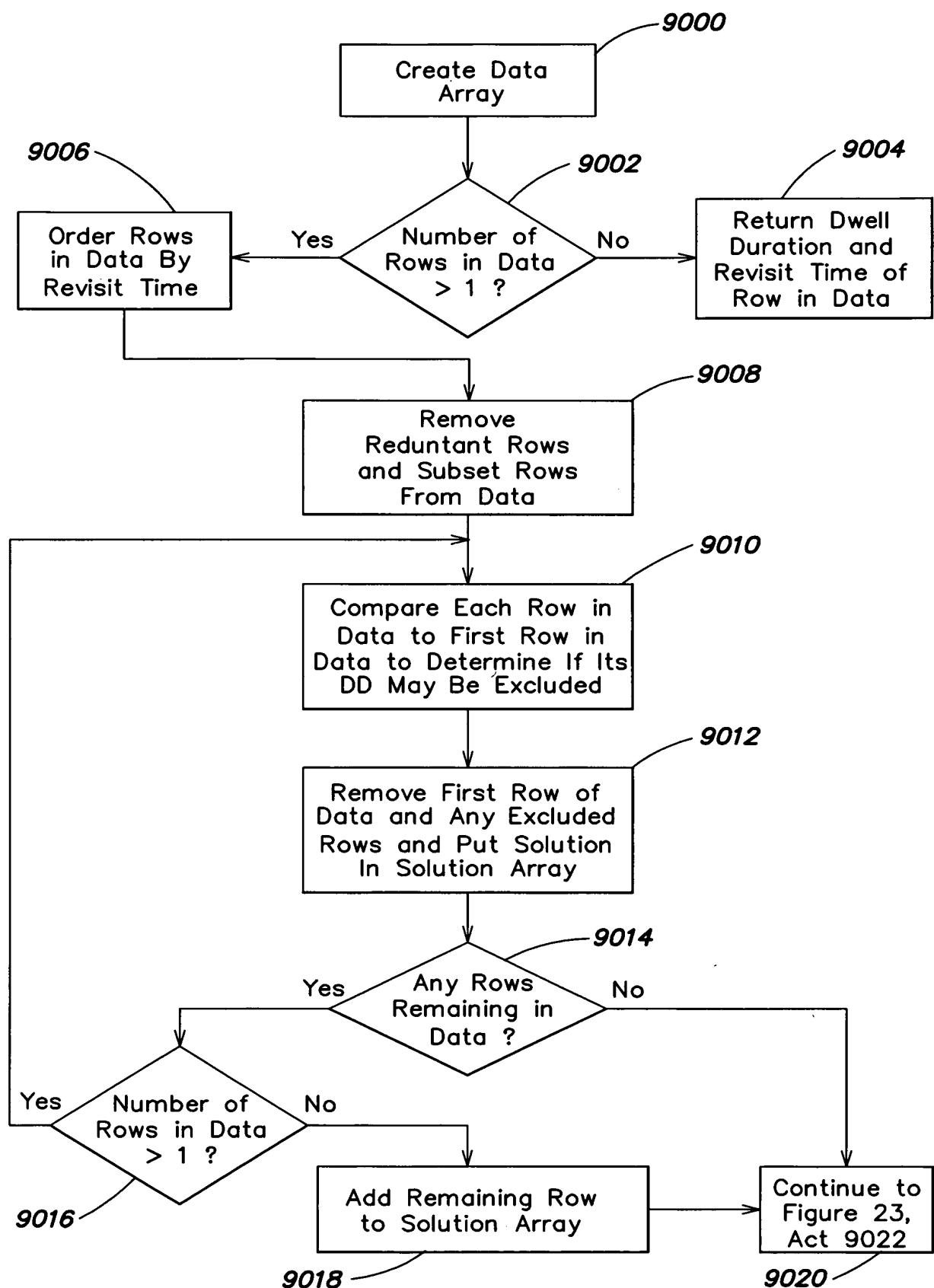
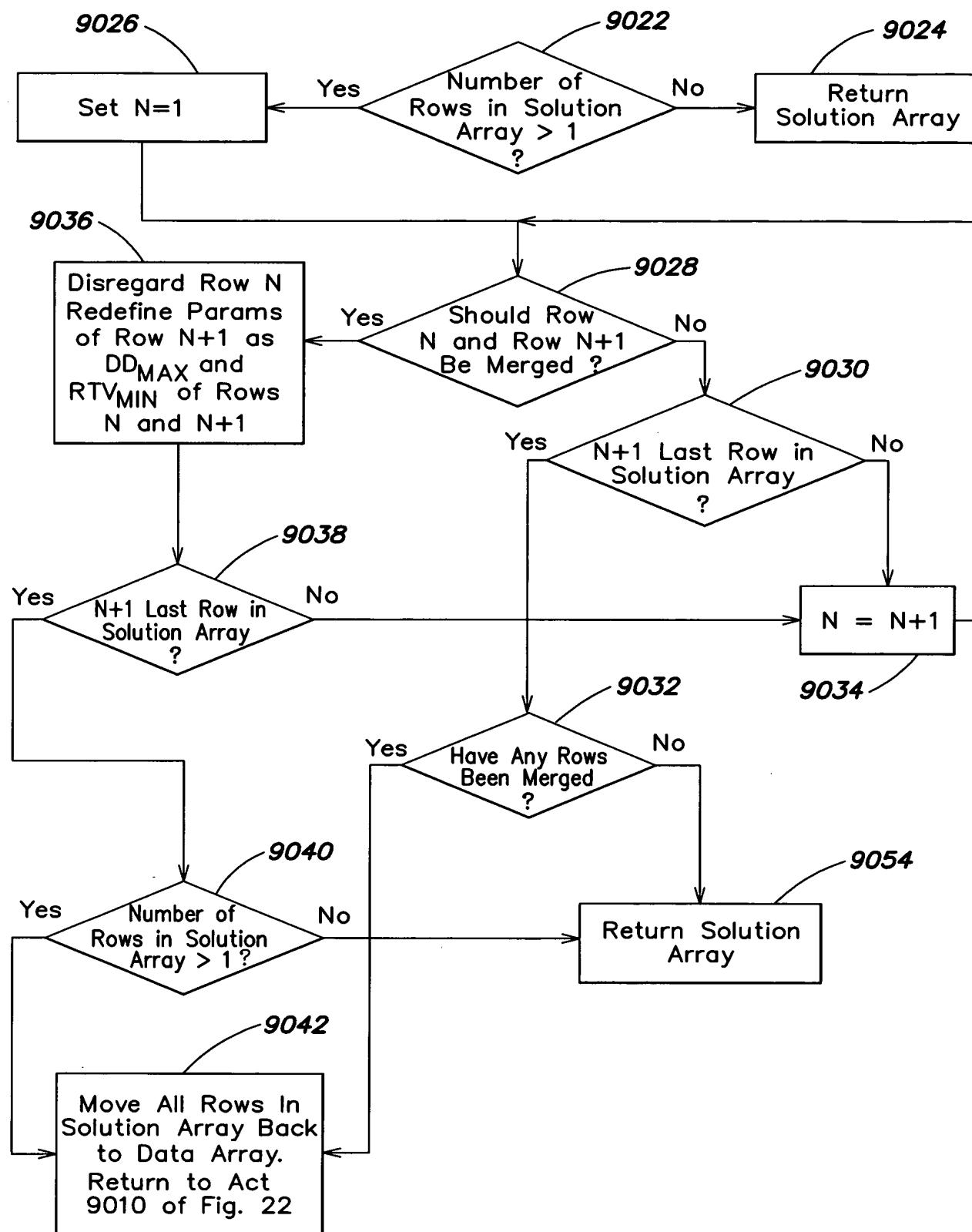


FIG. 21



**FIG. 22**



**FIG. 23**

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Data			
MDT	EDT	RVT	RVT
3.05	17	2868	500
3	19	2000	700
3	19	2000	800
1	7	500	1000
2	9	700	2000
2.3	11	800	3000
0.5	3.5	1000	19
3	19	2000	2868
3.05	17	2868	500
0.5	3.5	1000	700
2.3	11	800	9048
3	19	2000	9049
3.05	17	2868	9050
0.5	3.5	1000	9051
2	9	700	9052
3	19	2000	
3.05	17	2868	

FIG. 24A

FIG. 24B

FIG. 24C

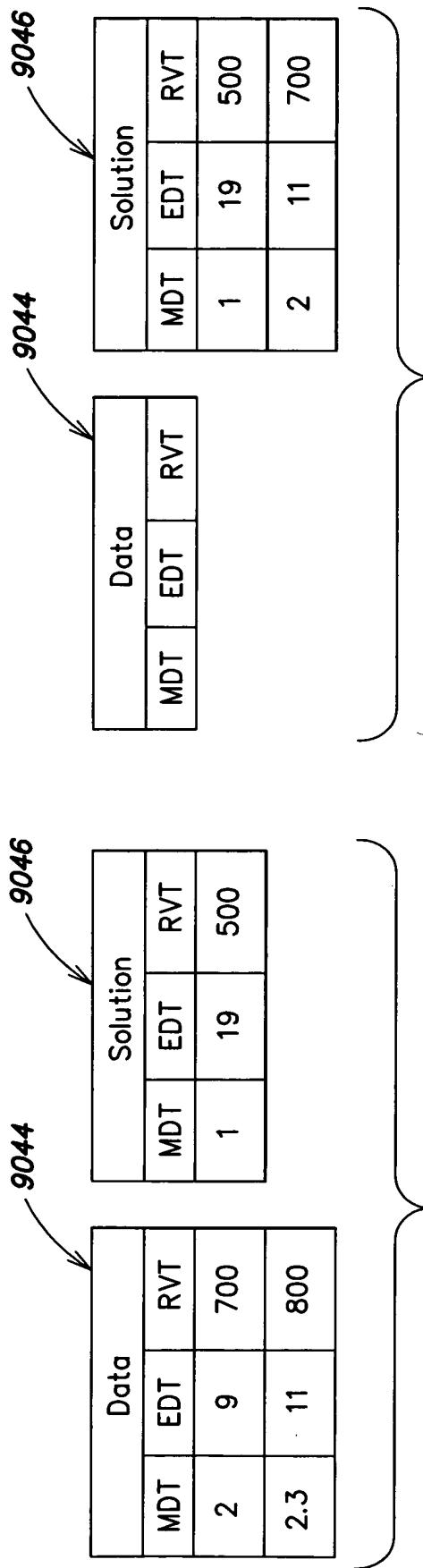


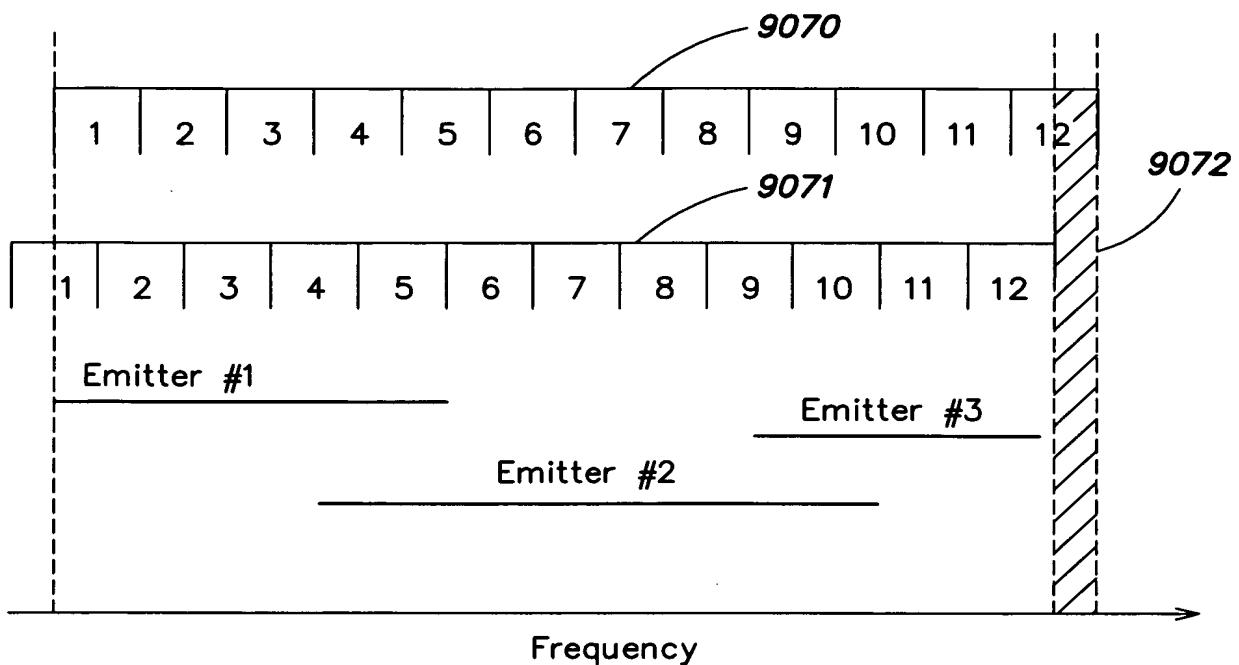
FIG. 24D

FIG. 24E

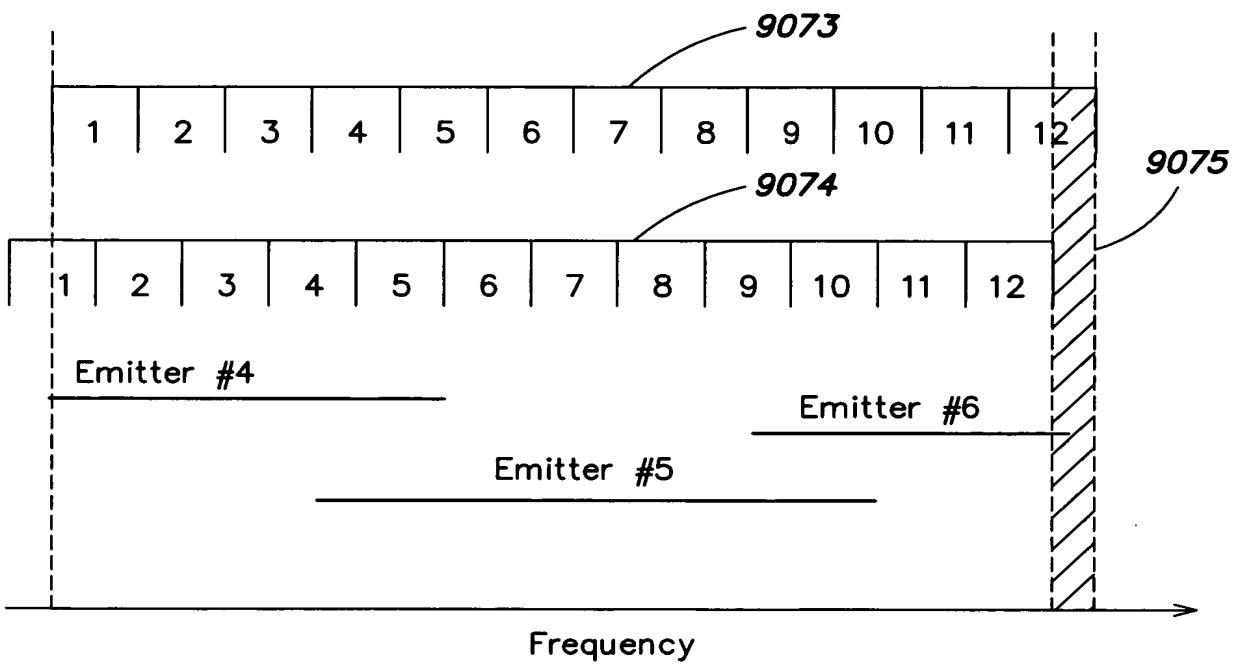
The diagram shows a single 'Solution' table enclosed in a brace. An arrow points from the label '9046' to the right side of this brace.

Solution		
MDT	EDT	RVT
1	19	500
2	11	700

FIG. 24F



**FIG. 25**



**FIG. 26**

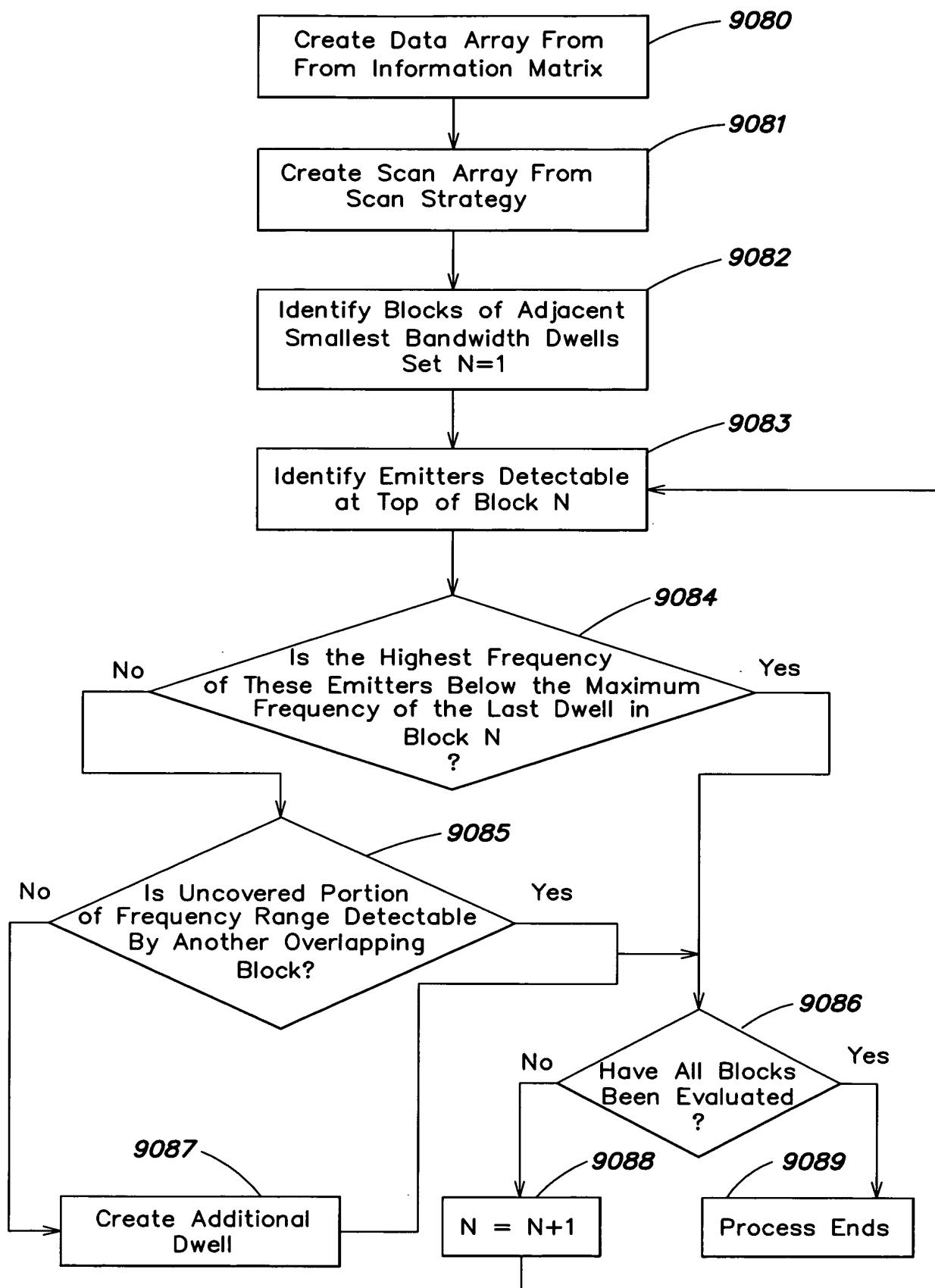
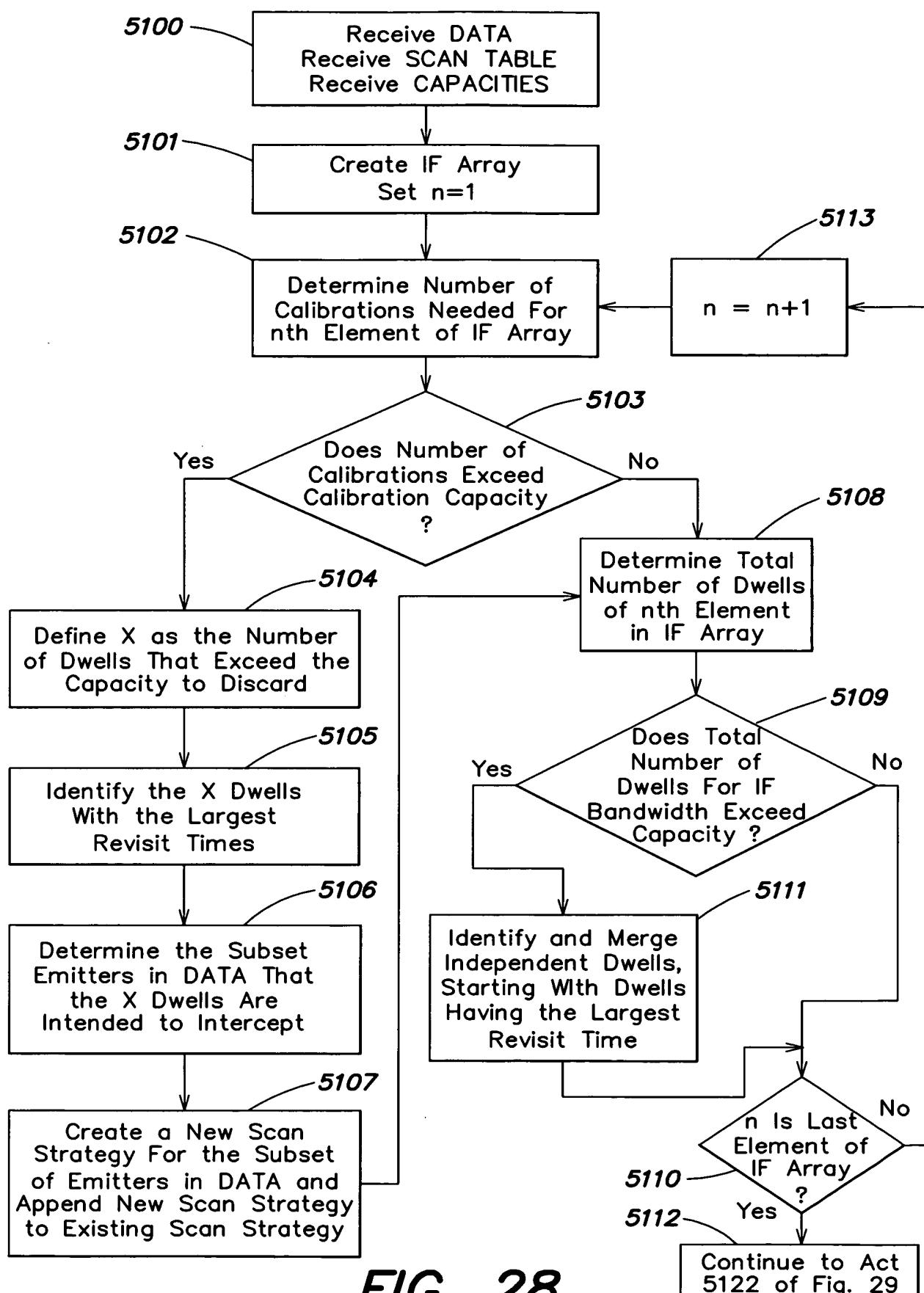
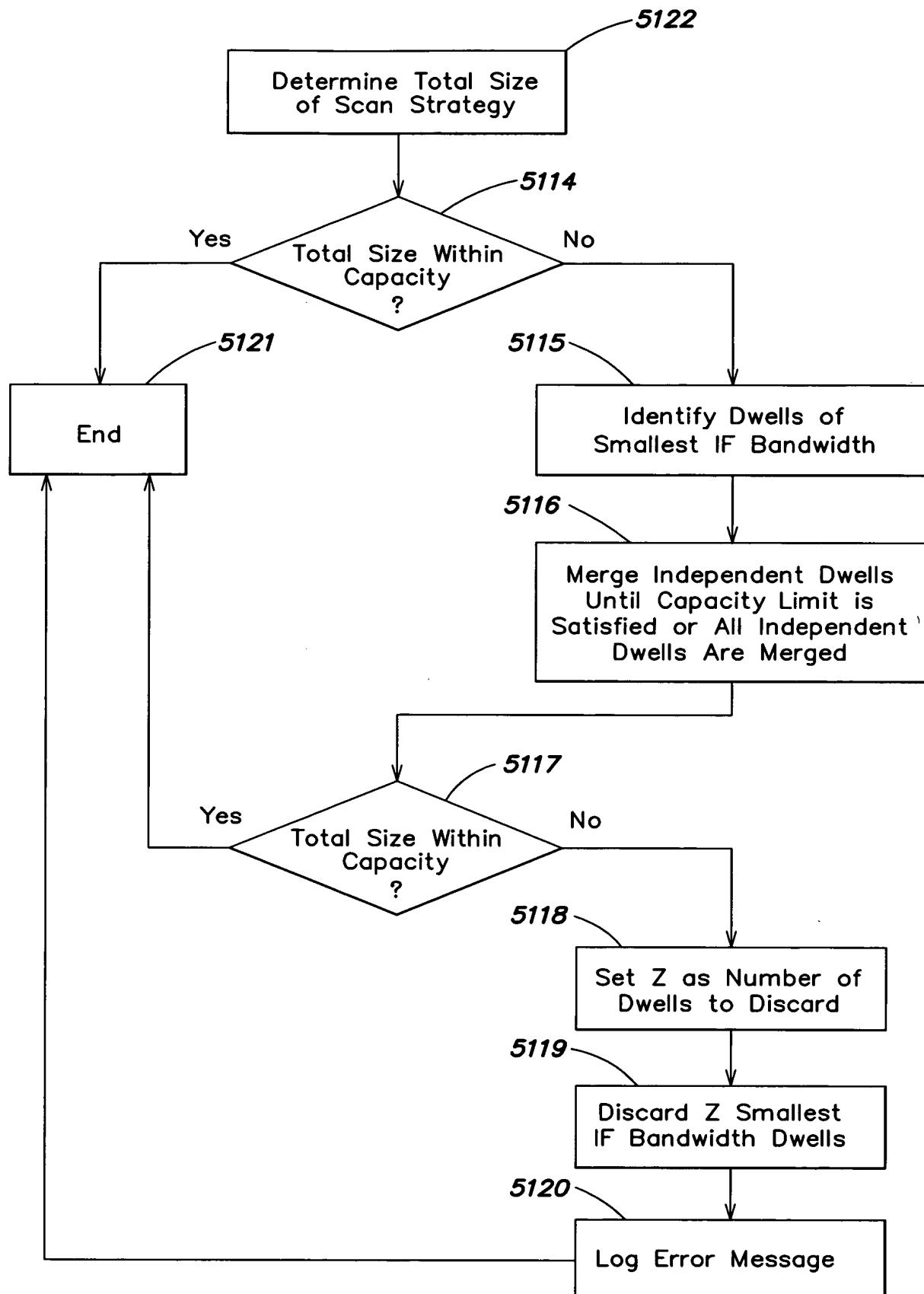


FIG. 27

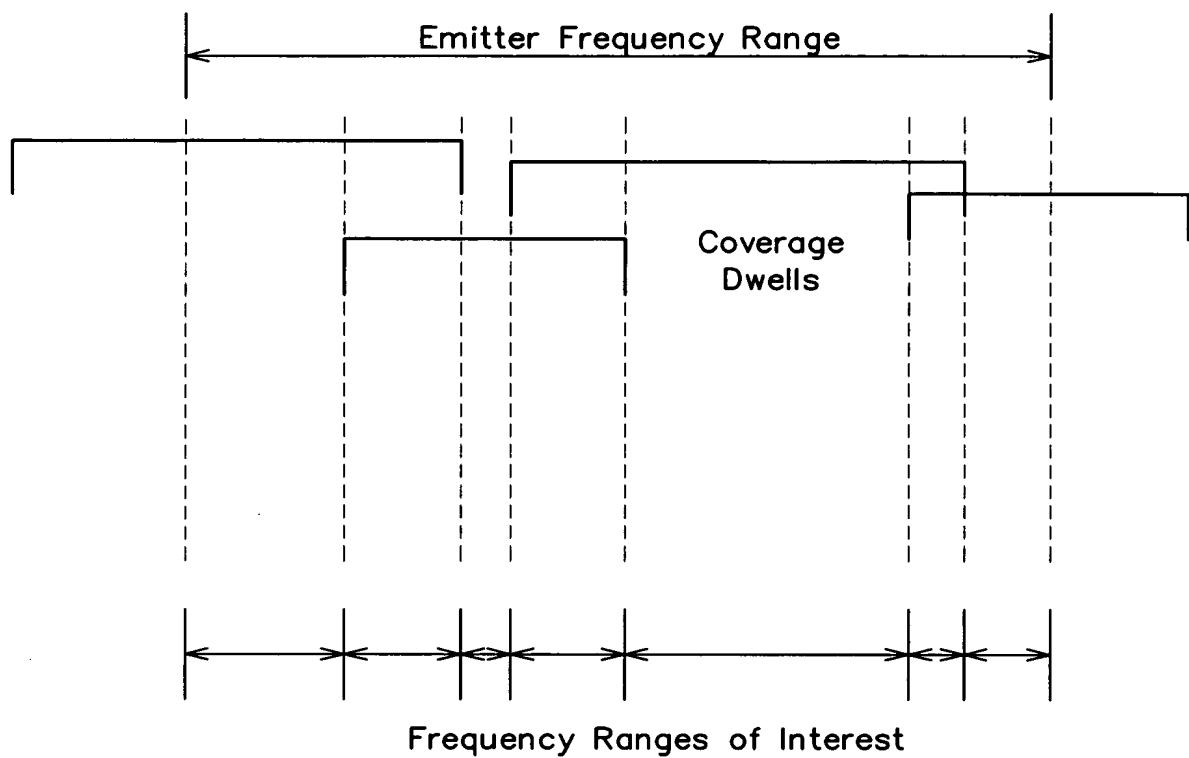


**FIG. 28**



**FIG. 29**

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**FIG. 30**

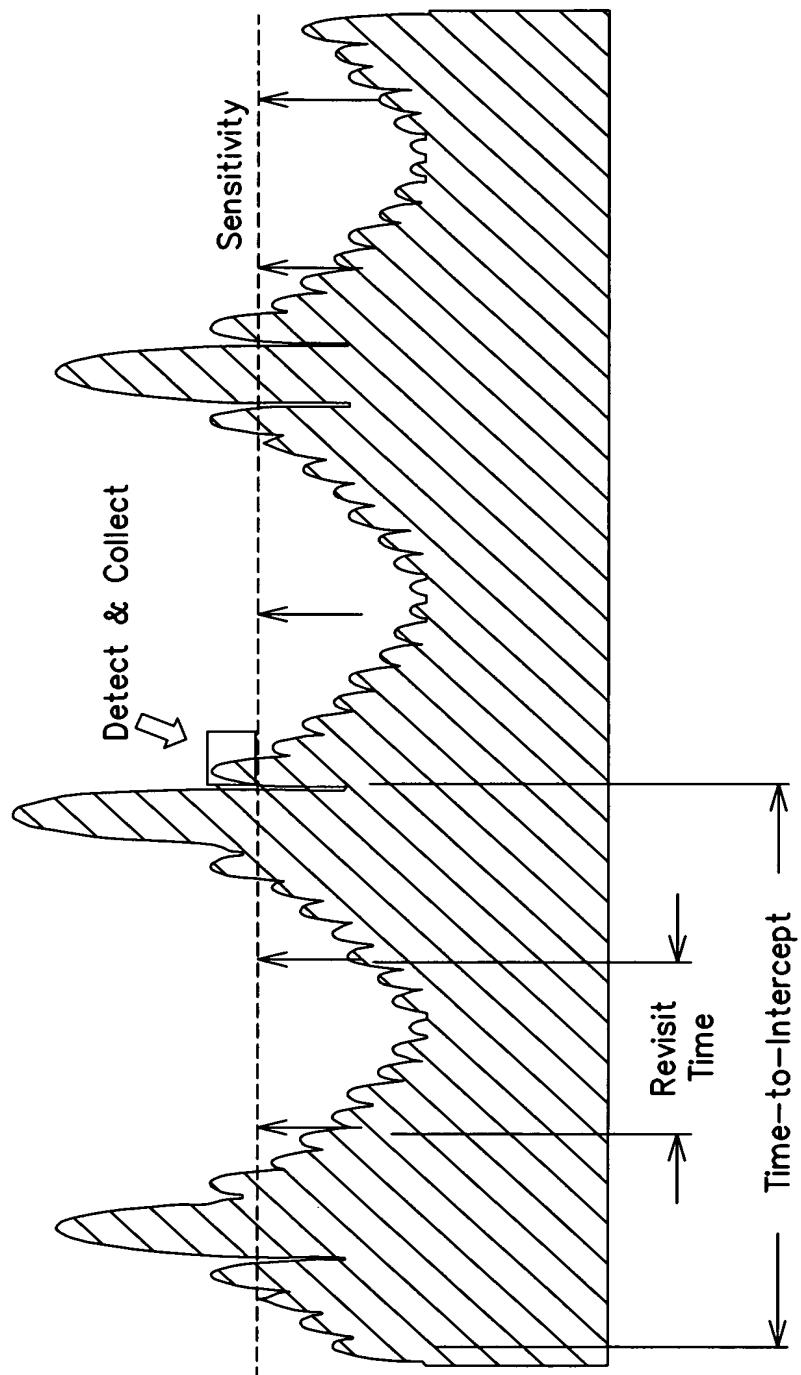


FIG. 31

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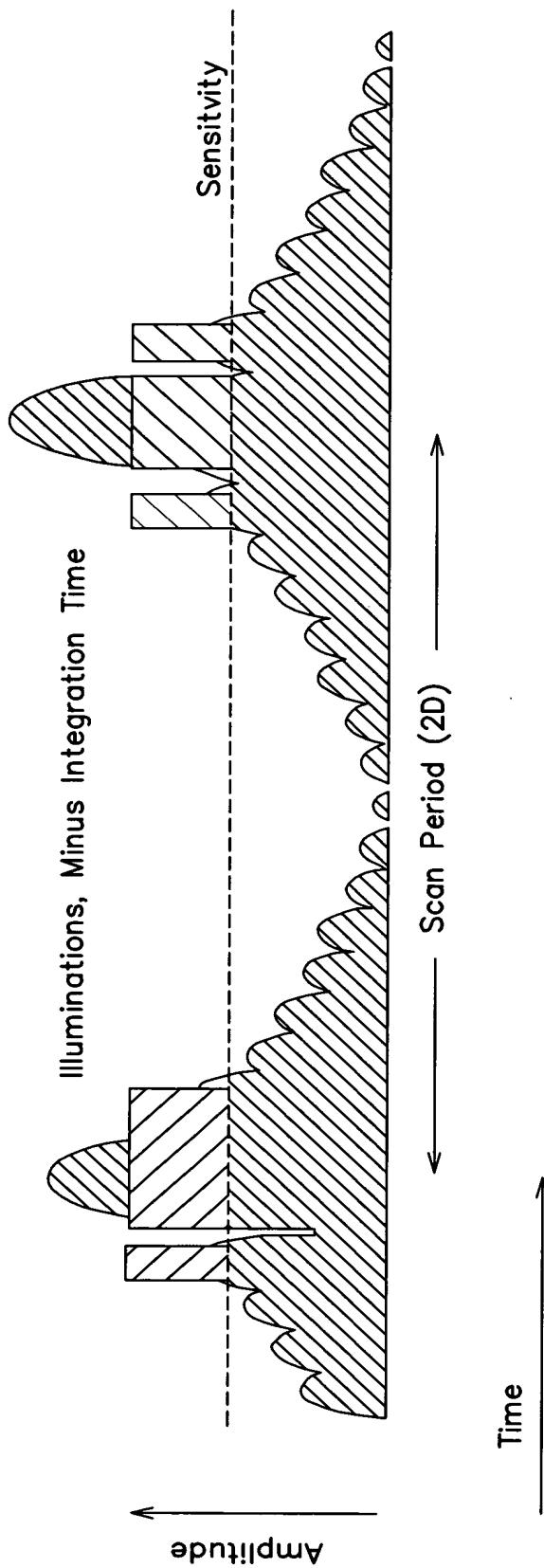


FIG. 32